I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on:

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By: Two Box

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: YONGSAM MOON, ET AL.

APPLICATION No.: 10/722,842

FILED: NOVEMBER 25, 2003

FOR: WIDE RANGE MULTI-PHASE DELAY-LOCKED LOOP

EXAMINER: DAVID C. MIS

ART UNIT: 2817

CONF. No: 8194

Information Disclosure Statement After Final Action or Notice of Allowance but Before Payment of Issue Fee – 37 C.F.R. § 1.97(d)

MAIL STOP ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir

1. Timing of Submission

This information is being filed *after* a final Office action or a Notice of Allowance, whichever occurs first, but before payment of the Issue Fee.

2. Petition – 37 C.F.R. § 1.97(d)

Applicant petitions the Patent and Trademark Office to accept this Information Disclosure Statement in light of the certification under 37 C.F.R. § 1.97(e) below, and payment of the fee under 37 C.F.R. § 1.97(d)(2).

3. Cited Information

	\boxtimes	Copie	es of the following references are enclosed		
			All cited references References marked by asterisks The following:		
)7/27/2004 EHAILE1	00000059	10722842			
)1 FC:1806		180.0	00 OP		

		Copies of the following references can be found in parent U.S. Application No. :
		☐ All cited references☐ References marked by asterisks☐ The following:
4.	Effect	of Information Disclosure Statement (37 C.F.R. § 1.97(h))
	that: examinates examinates the cited in application and to the cited in application and the cited in the cit	information Disclosure Statement is not to be construed as a representation (i) a search has been made; (ii) additional information material to the nation of this application does not exist; (iii) the information, protocols, is and the like reported by third parties are accurate or enabling; or (iv) the information is, or is considered to be, material to patentability. In addition, ant does not admit that any enclosed item of information constitutes prior the subject invention and specifically reserves the right to demonstrate that arch reference is not prior art.
5.	Certific	cation Under 37 C.F.R. § 1.97(e) (check one)
		In accordance with 37 C.F.R. § 1.97(e)(1), the undersigned hereby states that each item of information submitted herewith was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to this filing of this statement; or
		In accordance with 37 C.F.R. § 1.97(e)(2), the undersigned hereby states that no item of information submitted herewith was cited in a communication from a foreign patent office in a counterpart foreign application, or, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c), more than three months prior to the filing of this statement.
6.	Fee Pa	ayment - 37 C.F.R. § 1.97(d)(2)
		Check enclosed for \$180.00 Information Disclosure Statement Fee as set forth in 37 C.F.R. §1.17(p).
		Please charge the fee to Deposit Account No. 50-2207; this paper is provided in triplicate.
		Please charge any underpayment for timely filing of this paper to Deposit Account No. 50-2207.

P. Kurll

7. Patent Term Adjustment (37 C.F.R. § 1.704(d))

The undersigned states that each item of information submitted herewith was cited in a communication from a foreign patent office in a counterpart application and that this communication was not received by any individual designated in 37 C.F.R. §1.56(c) more than thirty days prior to the filing of this statement. 37 C.F.R. §1.704(d).

Date: July 21, 2004

Respectfully submitted, Perkins Coie LLP

Jonathan P. Kudla Registration No. 47,724

Correspondence Address:

Customer No. 22918 Perkins Coie LLP P.O. Box 2168 Menlo Park, California 94026 (650) 838-4300

INFORMATION DISCLOSURE STATEMENT BY APPLICANT Form PTO-1449 (Modified) Use several sheets if necessary)

of

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COMPLETE IF KNOWN					
Application Number	10/722,842				
Confirmation Number	8194				
Filing Date	November 25, 2003				
First Named Inventor	Yongsam Moon				
Group Art Unit	2817				
Examiner Name	David C. Mis				
Attorney Docket No.	59472-8086.US04				

					U.S	S. PATENT DOCUMENTS			
Examiner Initials*				Name of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
		6,44	2,225		Hu	Huang 06/14/1		9	
		6,68	3,930		Da	lmia	12/23/1999		
		6,70	0,944		Ch	lipala et al.	05/30/2000		
					FORE	IGN PATENT DOCUMENTS	Date of		
Examiner Initials*	Cite No.	Office	eign Patent o NUMBER	r Application Kind Co		Name of Patentee or Applicant of Cited Document	Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Т
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EXAMINER		DATE CONSIDERED		
*EXAMINER:	nitial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not			
	considered. Include copy of this form with next communication to	to application(s).		